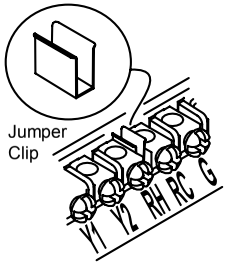
What wires do you have?

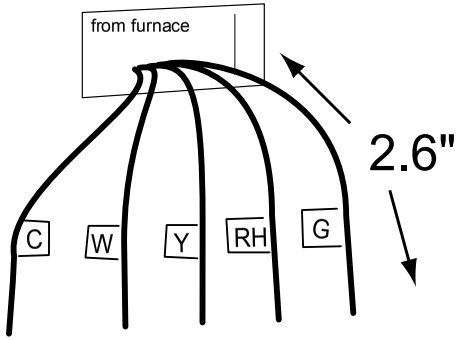
Make sure your wires are labeled. This may require you to find the 'other end' connection for each wire on your heating or air conditioning equipment and read the label there. Refer to the Wire Reference page 13 for better understanding of wire labels from different HVAC system makers.

⚠ **IMPORTANT:** C wire or 24VAC power is required for the LS-90 to operate. If you do not have a C wire you can run a new wire from the HVAC to the LS-90 or provide 24VAC power to operate the LS-90 using a standard 24VAC wall transformer.

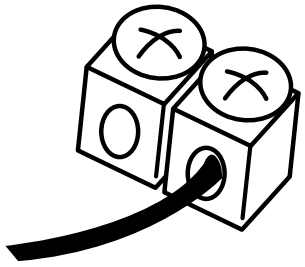
⚠ **IMPORTANT:** If you have both RH and RC you need to remove the metal jumper-clip between these 2 terminals.



⚠ **IMPORTANT:** If you have both O and B you must check page 13 for wiring info.



Prepare wires



Screw terminal

Please follow these guidelines for safe and secure wire connections:

- You will need at least 2.6" of wire for each of your connections to the LS-90.
- If you do not have enough wire, splice additional wire to allow enough slack.
- Fan out wires below the hole as shown.
- Remove insulation 1/8" from the tip of each wire.
- Take care not to damage the labels for each wire in handling.